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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/Caplus
NEWS 5 FEB 05 German (DE) application and patent publication number format
changes
NEWS 6 MAR 03 MEDLINE and LMedline reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
available
NEWS 14 APR 26 LITAlert now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May
and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17 FRFULL now available on STN
NEWS 21 May 27 STN User Update to be held June 7 and June 8 at the SLA 2004
Conference
NEWS 22 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in Caplus
NEWS 23 May 27 Caplus super roles and document types searchable in REGISTRY
NEWS 24 May 27 Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:49:30 ON 09 JUN 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:49:42 ON 09 JUN 2004

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7

DICTIONARY FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

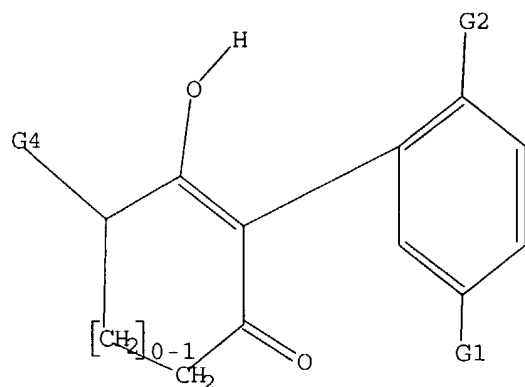
Uploading c:\program files\stnexp\queries\10142325.9

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 Cb,Cy,Hy

G2 X,Ak,CN,NO2

G3 O,S,P,NH,NH2,NH3

G4 H,Cb,Cy,Hy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss full

FULL SEARCH INITIATED 11:50:07 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 99627 TO ITERATE

100.0% PROCESSED 99627 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.03

L2 2 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'CAPLUS' ENTERED AT 11:50:15 ON 09 JUN 2004

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FILE COVERS 1907 - 9 Jun 2004 VOL 140 ISS 24

FILE LAST UPDATED: 8 Jun 2004 (20040608/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3 2 L2

=> s 13 fbib hitstr abs total

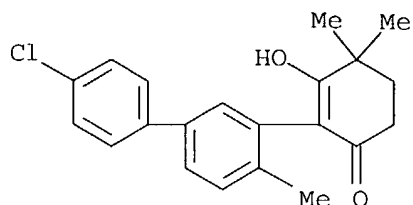
MISSING OPERATOR L3 FBIB

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> d 13 fbib hitstr abs total

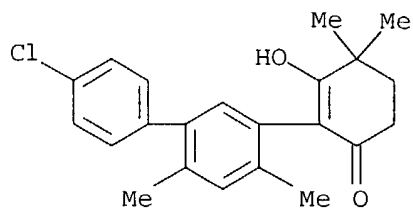
L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:570702 CAPLUS
DN 139:96696
TI Fungicidal biphenyl-substituted cyclic ketoenols
IN Fischer, Reiner; Ullmann, Astrid; Bretschneider, Thomas; Mauler-Machnik, Astrid; Kuck, Karl-Heinz; Wachendorff-Neumann, Ulrike
PA Bayer CropScience AG, Germany
SO PCT Int. Appl., 123 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003059065	A1	20030724	WO 2003-EP26	20030103
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10201239	A1	20030724	DE 2002-10201239A	20020115
OS	MARPAT 139:96696			DE 2002-10201239	20020115
IT	244159-34-0 560102-25-2				
	RL:	AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicide)			
RN	244159-34-0 CAPLUS				
CN	2-Cyclohexen-1-one, 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)-3-hydroxy-4,4-dimethyl- (9CI) (CA INDEX NAME)				

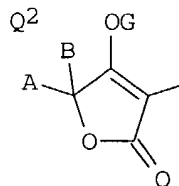
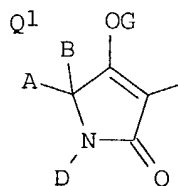
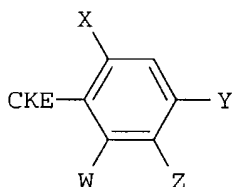


RN 560102-25-2 CAPLUS

CN 2-Cyclohexen-1-one, 2-(4'-chloro-4,6-dimethyl[1,1'-biphenyl]-3-yl)-3-hydroxy-4,4-dimethyl- (9CI) (CA INDEX NAME)



GI



AB The invention relates to the fungicidal use of the title compds. I [X = halo, (halo)alkyl, (halo)alkoxy, NO₂, CN; Z = (un)substituted aryl; W, Y = H or X; CKE = Q₁, Q₂, etc.; A = H, (halo)alkyl, (halo)alkenyl, etc.; B = H or alkyl; ACB = (un)substituted ring; D = H, (un)substituted cycloalkyl, etc.; ACND = (un)substituted ring; G = H, C(O)R₁, C(L)MR₂, etc.; R₁ = (halo)alkyl, (halo)alkenyl, (un)substituted cycloalkyl, Ph, etc.; R₂ = (halo)alkyl, (halo)alkenyl, (halo)alkoxyalkyl, (halo)polyalkoxyalkyl, (un)substituted cycloalkyl Ph or benzyl; L, M = O or S].

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

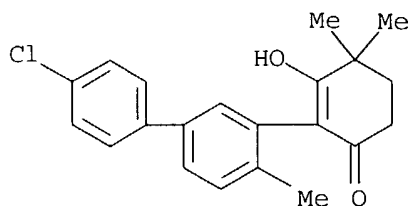
L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:626173 CAPLUS
 DN 131:243180
 TI Preparation of arylketoenols as pesticides and herbicides.
 IN Lieb, Folker; Fischer, Reiner; Graff, Alan; Schneider, Udo; Bretschneider, Thomas; Erdelen, Christoph; Andersch, Wolfram; Drewes, Mark Wilhelm; Dollinger, Markus; Wetcholowsky, Ingo; Myers, Randy Allen
 PA Bayer Aktiengesellschaft, Germany
 SO PCT Int. Appl., 267 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9948869	A1	19990930	WO 1999-EP1787	19990318
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	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
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				DE 1998-19813354A	19980326
	AU 9934147	A1	19991018	WO 1999-EP1787 W	19990318
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				WO 1999-EP1787 W	19990318
	TR 200002752	T2	20001221	TR 2000-200002752	19990318
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	EP 1066258	A1	20010110	EP 1999-915653	19990318
	R:			AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL	
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				WO 1999-EP1787 W	19990318
	JP 2002507599	T2	20020312	JP 2000-537852	19990318
				DE 1998-19813354A	19980326
				WO 1999-EP1787 W	19990318
	US 6458965	B1	20021001	US 2001-646722	20010102
				DE 1998-19813354A	19980326
				WO 1999-EP1787 W	19990318
	US 2003073851	A1	20030417	US 2002-142325	20020509
	US 6693092	B2	20040217		
				DE 1998-19813354A	19980326
				WO 1999-EP1787 W	19990318
				US 2001-646722	A320010102
OS	MARPAT 131:243180				
IT	244159-34-0P				
	RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic				

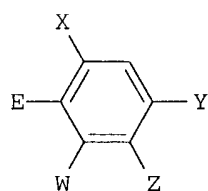
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylketoenols as pesticides and herbicides)

RN 244159-34-0 CAPLUS

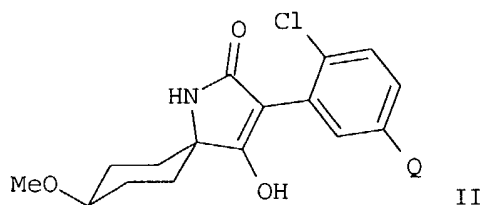
CN 2-Cyclohexen-1-one, 2-(4'-chloro-4-methyl[1,1'-biphenyl]-3-yl)-3-hydroxy-4,4-dimethyl- (9CI) (CA INDEX NAME)



GI



I



II

AB Title compds. [I; X = halo, alkyl, alkoxy, alkenyloxy, alkylthio, alkylsulfinyl, alkylsulfonyl, haloalkyl, haloalkoxy, haloalkenyloxy, NO₂, cyano, (substituted) Ph, PhO, PhS, phenylalkoxy, phenylalkylthio; Z = (substituted) cycloalkyl, aryl, heteroaryl; W, Z = H, halo, alkyl, alkoxy, alkenyloxy, haloalkyl, haloalkoxy, haloalkenyloxy, NO₂, cyano; E = specified (substituted) dioxopyrrolyl, dioxofuryl, dioxothienyl, dioxopyrazolyl, dioxopyranyl, dioxocyclopentyl, etc., residues], were prepared. Thus, II (Q = Br) was stirred with 4-trifluoromethoxyphenylboronic acid, Pd(PPh₃)₄, and Na₂CO₃ in dimethoxyethane/H₂O at 80° to give II (Q = 4-C₆H₄OCF₃). I at 0.1% gave 95-100% kill of Myzus persicae on cabbage leaves.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
11.70	167.33

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.39	-1.39

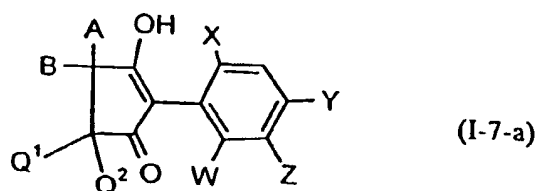
CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 11:53:03 ON 09 JUN 2004

Patel

<6/9/2004>

- 237 -

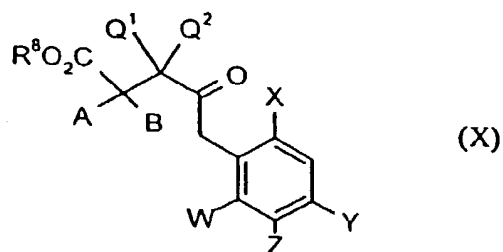


in which

A, B, Q¹, Q², W, X, Y and Z are each as defined in Claim 1

are obtained when

ketocarboxylic esters of the formula (X)



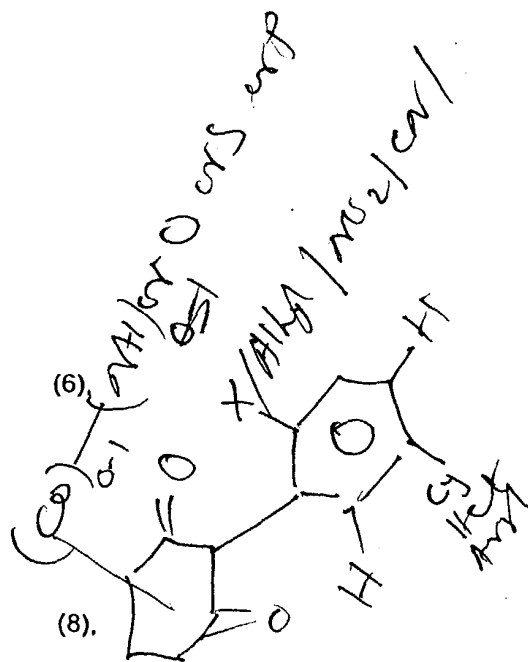
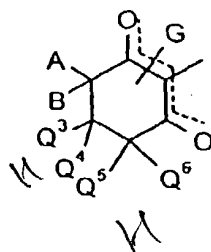
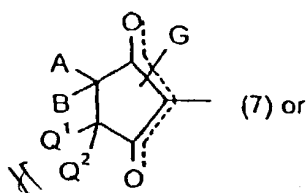
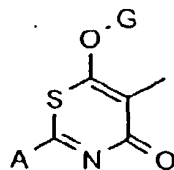
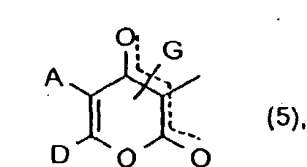
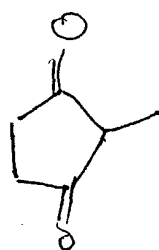
in which

A, B, Q¹, Q², W, X, Y and Z are each as defined above and

R⁸ represents alkyl

are cyclized intramolecularly, if appropriate in the presence of a diluent and in the presence of a base,

(I-I) Compounds of the formula (I-8-a)



in which

5

A represents hydrogen, in each case optionally halogen-substituted alkyl, alkenyl, alkoxyalkyl, polyalkoxyalkyl, alkylthioalkyl, saturated or unsaturated, optionally substituted cycloalkyl in which optionally at least one ring atom is replaced by a heteroatom, or in each case optionally halogen-, alkyl-, halogenoalkyl-, alkoxy-, halogenoalkoxy-, cyano- or nitro-substituted aryl, arylalkyl or hetaryl,

10

B represents hydrogen, alkyl or alkoxyalkyl, or

15

A and B together with the carbon atom to which they are attached represent a saturated or unsaturated unsubstituted or substituted cycle which optionally contains at least one heteroatom,

20

D represents hydrogen or an optionally substituted radical selected from the series consisting of alkyl, alkenyl, alkynyl, alkoxyalkyl, polyalkoxyalkyl, alkylthioalkyl, saturated or unsaturated cycloalkyl in which one or more ring members are optionally replaced by heteroatoms, arylalkyl, aryl, hetarylalkyl or hetaryl or